IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Divisional Patent Application of U.S.

Application No.: 09/864,397

Atsuhiro URATSUJI, et al.

Art Unit: 1763

Application No.: Not Yet Assigned

Examiner: S. Macarthur

Filed: October 6, 2003

For: METHOD AND APPARATUS FOR SURFACE PROCESSING OF PRINTED

WIRING BOARD

INFORMATION DISCLOSURE STATEMENT

MS PATENT APPLICATION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Submitted herewith on Form PTO/SB/08A is a listing of documents known to Applicant cited by or submitted to the U.S. Patent and Trademark Office (USPTO) in parent application No. 09/864,397; filed on May 25, 2001 in order to comply with Applicant's duty of disclosure pursuant to 37 CFR §1.56. The relevance of these documents are explained in the parent application. As provided in 37 CFR 1.98(d), copies of the document are not provided since they were previously cited by or submitted to the Patent Office in the parent application.

Since this Information Disclosure Statement is being filed in compliance with 37 CFR § 1.97(b) before an initial action, no fee is required in connection with its filing.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicant does not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* prior art reference against the claims of the present application.

Applicant respectfully requests that the listed documents be considered by the Examiner and formally be made of record in the present application and that an initialed copy of Form PTO/SB/08A be returned in accordance with MPEP §609.

Dated: October 6, 2003

Respectfully submitted,

By_____Ronald P. Kananen

Registration No.: 24,104

RADER, FISHMAN & GRAUER PLLC

1233 20th Street, N.W. Suite 501 Washington, D.C. 20036

Tel: (202) 955-3750 Fax: (202) 955-3751 Customer No. 23353

DC135205

PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| Sut | Substitute for form 1449A/B/PTO | | | Complete if Known | | |
|-------|---------------------------------|--------|--------------|------------------------|--|--|
| | NFORMATION | | SCLOSURE | Application Number | Not Yet Assigned (Divisional of U.S. Patent Application No.: 09/864,397) | |
| S | STATEMENT BY APPLICANT | | | Filing Date | October 6, 2003 | |
| | | | | First Named Inventor | Atsuhiro Uratsuji | |
| | (Use as many sh | eets a | s necessary) | Art Unit | 1763 | |
| | | | | Examiner Name | S. Macarthur | |
| Sheet | 1 | of | 1 | Attorney Docket Number | SON-2101/DIV | |

| | U.S. PATENT DOCUMENTS | | | | | | |
|-----------|-----------------------|---|------------------|-----------------------------|---|--|--|
| Examiner | Cite | Document Number | Publication Date | Name of Patentee or | Pages, Columns, Lines, Where | | |
| Initials* | No.1 | Number-Kind Code ² (if known) | MM-DD-YYYY | Applicant of Cited Document | Relevant Passages or Relevant Figures Appear | | |
| | AA** | US-3,869,313 | 03-04-1975 | Jones et al. | | | |
| | AB** | US-4,286,860 | 09-01-1981 | Gursky et al. | | | |
| | AC** | US-4,357,196 | 11-02-1982 | Tamaka et al. | | | |
| | AD** | US-4,895,099 | 01-23-1990 | D'Amato | | | |
| | AE** | US-4,999,079 | 03-12-1991 | Ash | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|--------------|---|-----------------------------------|--|---|----------------|
| Examiner Initials* | Cite No.1 | Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | т ⁶ |
| | BA** | JP-401117389 | 05/1989 | Kunihiro TANAKA | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. **CITE NO.: Those patent(s) or publication(s) which are marked with an double asterisk (**) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filling date under 35 U.S.C. 120. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS | | | | | |
|---------------------------------|--------------|---|----|--|--|
| Examiner Initials | Cite No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T² | | |
| | | | | | |

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| Examiner | Date | |
|-----------|------------|--|
| Signature | Considered | |
| | | |

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.